

**Translation**

**PATENT COOPERATION TREATY**

**PCT**

**INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY**  
(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference <b>04F021-PCT</b>	FOR FURTHER ACTION	See Form PCT/IPEA/416
International application No. <b>PCT/JP2004/009122</b>	International filing date (day/month/year) <b>28.06.2004</b>	Priority date (day/month/year) <b>10.07.2003</b>
International Patent Classification (IPC) or national classification and IPC <b>G01C21/00</b>		
Applicant <b>APRICOT CO., LTD.</b>		

<p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>7</u> sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p>a. <input type="checkbox"/> (sent to the applicant and to the International Bureau) a total of _____ sheets, as follows:</p> <p><input type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).</p> <p><input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.</p> <p>b. <input type="checkbox"/> (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p>	
<p>4. This report contains indications relating to the following items:</p> <p><input checked="" type="checkbox"/> Box No. I Basis of the report</p> <p><input type="checkbox"/> Box No. II Priority</p> <p><input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p><input type="checkbox"/> Box No. IV Lack of unity of invention</p> <p><input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p><input type="checkbox"/> Box No. VI Certain documents cited</p> <p><input checked="" type="checkbox"/> Box No. VII Certain defects in the international application</p> <p><input checked="" type="checkbox"/> Box No. VIII Certain observations on the international application</p>	

Date of submission of the demand	Date of completion of this report
Name and mailing address of the IPEA/JP	Authorized officer
Facsimile No.	Telephone No.

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2004/009122

## Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ This report is based on translations from the original language into the following language \_\_\_\_\_ which is the language of a translation furnished for the purposes of:

- ☐ international search (Rule 12.3 and 23.1(b))  
☐ publication of the international application (Rule 12.4)  
☐ international preliminary examination (Rule 55.2 and/or 55.3)

2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:

☒ the international application as originally filed/furnished

☐ the description:

pages \_\_\_\_\_ as originally filed/furnished

pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

☐ the claims:

nos. \_\_\_\_\_ as originally filed/furnished

nos.\* \_\_\_\_\_ as amended (together with any statement) under Article 19

nos.\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

nos.\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

☐ the drawings:

sheets \_\_\_\_\_ as originally filed/furnished

sheets\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

sheets\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.

3. ☐ The amendments have resulted in the cancellation of:

☐ the description, pages \_\_\_\_\_

☐ the claims, nos. \_\_\_\_\_

☐ the drawings, sheets/figs \_\_\_\_\_

☐ the sequence listing (*specify*): \_\_\_\_\_

☐ any table(s) related to sequence listing (*specify*): \_\_\_\_\_

4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

☐ the description, pages \_\_\_\_\_

☐ the claims, nos. \_\_\_\_\_

☐ the drawings, sheets/figs \_\_\_\_\_

☐ the sequence listing (*specify*): \_\_\_\_\_

☐ any table(s) related to sequence listing (*specify*): \_\_\_\_\_

\* If item 4 applies, some or all of those sheets may be marked "superseded."

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

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**Box No. V** Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

## 1. Statement

Novelty (N)	Claims	1-10	YES
	Claims		NO
Inventive step (IS)	Claims		YES
	Claims	1-10	NO
Industrial applicability (IA)	Claims	1-10	YES
	Claims		NO

## 2. Citations and explanations (Rule 70.7)

Document 1: JP 2002-221433 A (Seiko Epson Corp.), 9 August 2002, paragraphs [0023]-[0051], fig. 4, fig. 8, fig. 11, fig. 13, fig. 15 (Family: none)

Document 2: JP 2002-122442 A (Aisin AW Co., Ltd.), 26 April 2002, paragraphs [0009]-[0019], fig. 6, fig. 7 (Family: none)

Document 3: JP 11-211499 A (Nissan Motor Co., Ltd.), 6 August 1999, paragraphs [0024]-[0046], [0053]-[0081], fig. 5, fig. 7 (Family: none)

Document 4: JP 09-318380 A (Fujitsu Ten Ltd.), 12 December 1997, paragraphs [0021]-[0022], fig. 6 (Family: none)

Document 5: JP 2002-311817 A (Mitsubishi Electric Corp.), 25 October 2002, paragraph [0024], fig. 11 (Family: none)

The inventions set forth in claims 1, 3, 6, 8, 9, and 10 do not involve an inventive step in the light of documents 1 to 4 cited in the international search report.

A person skilled in the art could easily conceive of applying the constitution wherein communication is

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Box No. V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;  
citations and explanations supporting such statement

carried out each time a navigation device approaches a separate intersection, disclosed in document 3, and the constitution wherein a navigation device displays a panoramic view of the area surrounding the center point of an intersection, disclosed in document 4, to a portable navigation device disclosed in either of document 1 and document 2.

The invention set forth in claim 2 does not involve an inventive step in the light of documents 1 to 4.

When carrying out the invention disclosed in document 4 using a captured image, capturing an image with a specified orientation as a reference and synthesizing an image from a plurality of images are merely design features for a person skilled in the art.

The invention set forth in claims 4 and 5 does not involve an inventive step in the light of documents 1 to 4 cited in the international search report.

The invention disclosed in document 4 displays a panoramic view of the area surrounding the center point of an intersection, and thus, display is carried out with the display orientation changed from the direction along which a user has been guided to the direction in which the user should proceed.

The invention set forth in claim 7 does not involve an inventive step in the light of documents 1 to 5 cited in the international search report.

A person skilled in the art could easily conceive of applying the constitution wherein a navigation device displays a display range for a 3D map on top of a 2D map,

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disclosed in document 5, to the portable navigation  
device disclosed in document 4.

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Box No. VII Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

The first use of the phrase "guide image generation means" in the description in claim 8, which reads "a guide image generation means for transmitting a three-dimensional guide image generated by the aforementioned guide image generation means to the aforementioned terminal (3)," is a typographical error for "...guide image transmission means."

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Box No. VIII Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

The description discusses a panorama image of an intersection, but said image is a two-dimensional image and not a three-dimensional image. Therefore, the use of the terms "three-dimensional image" and "three-dimensional guide image" in claims 1 to 10 and in the description is not appropriate.